



**US Army Corps
of Engineers®**
Philadelphia District

PROJECT FACTSHEET

New Jersey Alternative Long-Term Nourishment RSM (Regional Sediment Management) Study

January 2009

CONGRESSIONAL DISTRICTS: Reps. LoBiondo (NJ-2), Adler (NJ-3), Smith (NJ-4), Pallone (NJ-6)

APPROPRIATION / PHASE:
General Investigations / Feasibility

BUSINESS PROGRAM:
Flood & Storm Damage Reduction

AUTHORITY: House Resolution by the Committee on Public Works and Transportation dated December 10, 1987 for the New Jersey Shoreline.

LOCATION The study area includes over 120 miles of Atlantic coastline from Sandy Hook to Cape May, New Jersey.

DESCRIPTION: This feasibility study is evaluating methods to manage New Jersey's coastal projects on a regional basis to ensure maximum benefits are achieved from the Federal investment and reduce long-term periodic nourishment costs. The study includes: development of a regional sediment budget and an improved understanding of regional coastal processes; implementation of an efficient regional monitoring program; and development of a comprehensive beach, inlet, and borrow area management strategy.

STATUS: The FCSA was signed in FY03. FY04 funds were used to develop the PMP; a coastal processes modeling database; an enhanced Borrow Area GIS database; historical beachfill databases; new digital aerial orthophotography of the coast; and ATV beach survey technology. FY06/07 funds were used to develop project-specific RSM actions; develop a regional sediment budget in GIS for the NJ Coast; and identify existing and alternative sediment resources for future beach nourishment projects. FY08 funds were used to identify specific cost-saving strategies for the beach nourishment program, including combining projects to reduce long-term periodic nourishment costs (and associated funding streams), combining cycles, and identifying selected areas of erosion to maximize shore protection. This will help reduce costs and resources. Coordination with stakeholder working groups will be an integral part of this effort. FY08 funds were also used to identify environmental constraints associated with borrow areas. Continued efforts will be performed during FY09 with existing funds.

New Jersey Alternative Long-Term Nourishment (RSM) Study *(continued)*

FINANCIAL				BUDGET		
DATA (\$000)	Fed	Non-Fed	Total	DATA (\$000)	Comments	
Reconnaissance	40	0	40	FY 02	40	
Feasibility	2,012	2,012	4,024	FY 03	158	
				FY 04	150	
				FY 05	203	
				FY 06	191	
				FY 07	200	
				FY 08	107	
				FY 09	TBD	

SPONSOR: New Jersey Department of Environmental Protection

PROJECT MANAGER: J. Bailey Smith
(215) 656-6579
j.b.smith@usace.army.mil